

Devang M Patel

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

418
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Potential of Mesenchymal Stem Cells in Regenerative Medicine. <i>Stem Cells International</i> , 2013, 2013, 1-15.	2.5	178
2	Dynamin A, Myosin IB and Abp1 Couple Phagosome Maturation to F-Actin Binding. <i>Traffic</i> , 2012, 13, 120-130.	2.7	42
3	Annexin A1 is a new functional linker between actin filaments and phagosomes during phagocytosis. <i>Journal of Cell Science</i> , 2011, 124, 578-588.	2.0	40
4	Posttranslational arginylation enzyme Ate1 affects DNA mutagenesis by regulating stress response. <i>Cell Death and Disease</i> , 2016, 7, e2378-e2378.	6.3	39
5	Arginylation regulates purine nucleotide biosynthesis by enhancing the activity of phosphoribosyl pyrophosphate synthase. <i>Nature Communications</i> , 2015, 6, 7517.	12.8	36
6	Glucose and Blood Pressure-Dependent Pathwaysâ€”The Progression of Diabetic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2218.	4.1	33
7	Reduced Arginyltransferase 1 is a driver and a potential prognostic indicator of prostate cancer metastasis. <i>Oncogene</i> , 2019, 38, 838-851.	5.9	19
8	Regulation of Mitochondrial Respiratory Chain Complex Levels, Organization, and Function by Arginyltransferase 1. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 603688.	3.7	19
9	Insertion/deletion-activated frame-shift fluorescence protein is a sensitive reporter for genomic DNA editing. <i>BMC Genomics</i> , 2019, 20, 609.	2.8	5
10	The evolutionarily conserved arginyltransferase 1 mediates a pVHL-independent oxygen-sensing pathway in mammalian cells. <i>Developmental Cell</i> , 2022, 57, 654-669.e9.	7.0	5
11	Arginyltransferase1 mediates a pVHL-independent oxygen sensing pathway in mammalian cells. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
12	Key profibrotic and pro-inflammatory pathways in the pathogenesis of diabetic kidney disease. <i>Diabetic Nephropathy</i> , 2021, 1, 15-26.	0.1	1
13	Abstract 1341: Talin plays an important role in cell-cell interactions. , 2017, , .		0
14	Posttranslational arginylation enzyme Ate1 is a mitochondrial-derived master regulator that coordinates glycolysis and respiration in the Warburg effect. <i>FASEB Journal</i> , 2018, 32, 791.19.	0.5	0
15	Ate1 Controls Cellular Warburg Effects by Modifying Hif1a with Arginylation. <i>FASEB Journal</i> , 2019, 33, lb312.	0.5	0